

Title (en)
Method of determining a path quality

Title (de)
Verfahren zur Bestimmung der Pfadqualität

Title (fr)
Procédé pour déterminer la qualité de chemin

Publication
EP 2597817 A1 20130529 (EN)

Application
EP 11290462 A 20111004

Priority
EP 11290462 A 20111004

Abstract (en)
The invention concerns a method for determining a path quality in a packet based communication network (100). The invention concerns also a quality accounting unit (10q) and a corresponding output line card (100). The quality accounting unit (10q) measures data rate (d i) associated with the data traffic transmitted through a link (111) of the communication network (100) at an output line card (100) of a node (1) of the communication network (100). The quality accounting unit (10q) determines a hypothetical drop probability (P 1) of data transmitted through the link (111) based on the measured data rate (d i) and data extracted from a data base (10qt), the path quality being specified by the hypothetical drop probability (P 1).

IPC 8 full level
H04L 12/26 (2006.01); **H04L 12/801** (2013.01)

CPC (source: EP)
H04L 43/0829 (2013.01); **H04L 43/0894** (2013.01)

Citation (search report)
• [A] US 2003067877 A1 20030410 - SIVAKUMAR RAGHUPATHY [US], et al
• [A] US 2009245130 A1 20091001 - BING BENNY K [US]
• [A] JILIANG WANG ET AL: "QoF: Towards comprehensive path quality measurement in wireless sensor networks", INFOCOM, 2011 PROCEEDINGS IEEE, IEEE, 10 April 2011 (2011-04-10), pages 775 - 783, XP031953647, ISBN: 978-1-4244-9919-9, DOI: 10.1109/INFOCOM.2011.5935299

Cited by
CN117289669A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2597817 A1 20130529

DOCDB simple family (application)
EP 11290462 A 20111004